

FIG. 1

FIG. 1 is a schematic diagram of a surgical system (1) for performing an incision. The system includes a hand-held tool (1) with a handle (3), a shaft (4), and a tip (5). The tool is shown performing an incision (14) on a tissue (1). The system is controlled by a sensing system (8) and a drive system (7), which are connected to a computation system (9). The computation system (9) is also connected to a display system (11) and a drive system (10). A hand (12) is shown interacting with the display system (11). The display system (11) is connected to the drive system (10) via a communication link (13). The drive system (10) is connected to the tool (1) via a communication link (14). The tool (1) is shown performing an incision (14) on a tissue (1). The incision (14) is shown as a dashed line (18) passing through the tissue (1). The tool (1) is shown with a handle (3), a shaft (4), and a tip (5). The handle (3) is connected to the drive system (7). The shaft (4) is connected to the tip (5). The tip (5) is shown performing the incision (14) on the tissue (1). The sensing system (8) is connected to the handle (3) and the computation system (9). The drive system (7) is connected to the handle (3) and the computation system (9). The computation system (9) is connected to the display system (11) and the drive system (10). The display system (11) is connected to the drive system (10) via a communication link (13). The drive system (10) is connected to the tool (1) via a communication link (14). The tool (1) is shown performing an incision (14) on a tissue (1). The incision (14) is shown as a dashed line (18) passing through the tissue (1). The tool (1) is shown with a handle (3), a shaft (4), and a tip (5). The handle (3) is connected to the drive system (7). The shaft (4) is connected to the tip (5). The tip (5) is shown performing the incision (14) on the tissue (1).

any other suitable means for providing a signal to the processor, such as a microphone, a camera, a sensor, or the like, may be used to detect the presence of the user's hand or finger near the device.

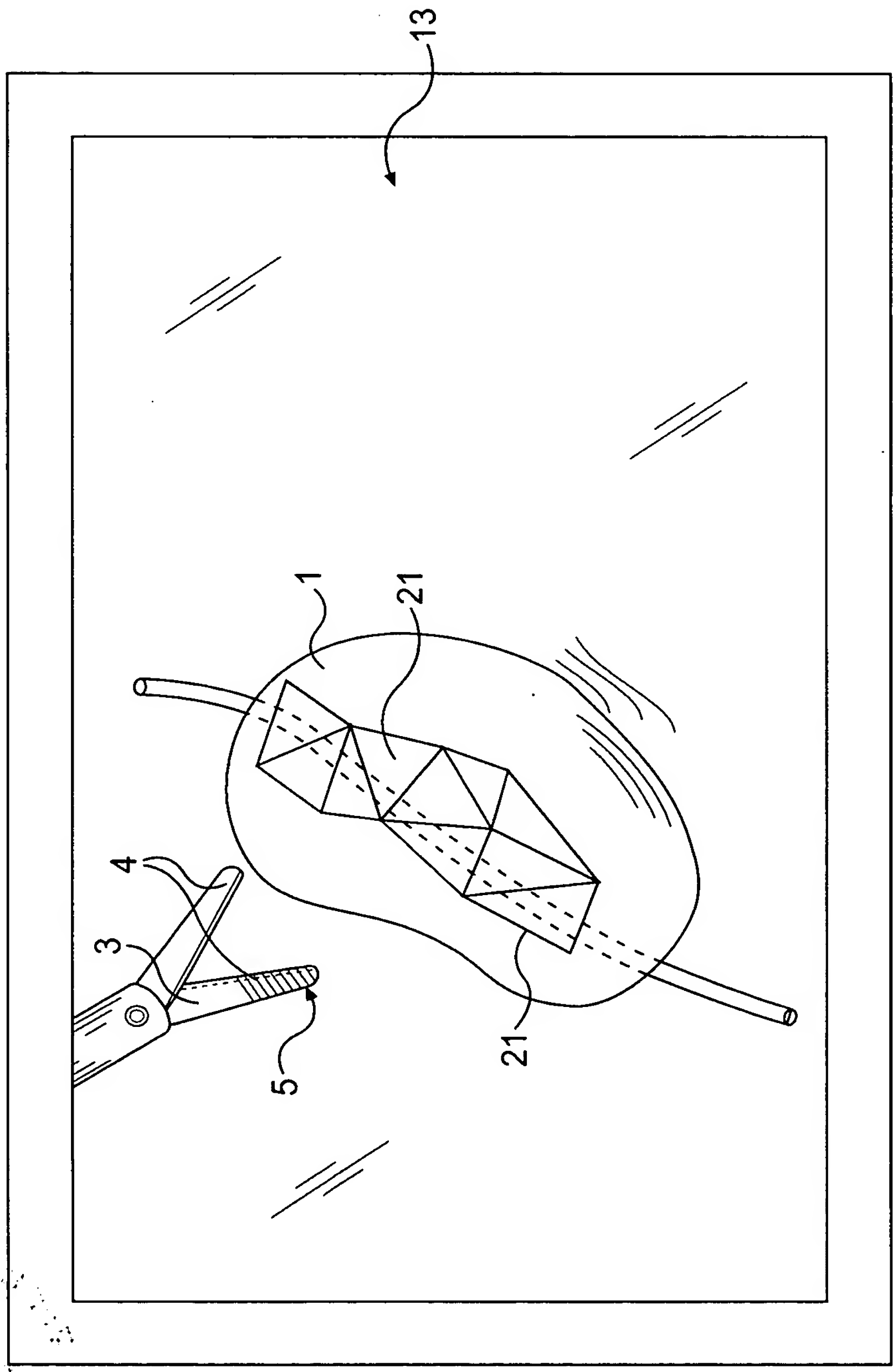


FIG. 2

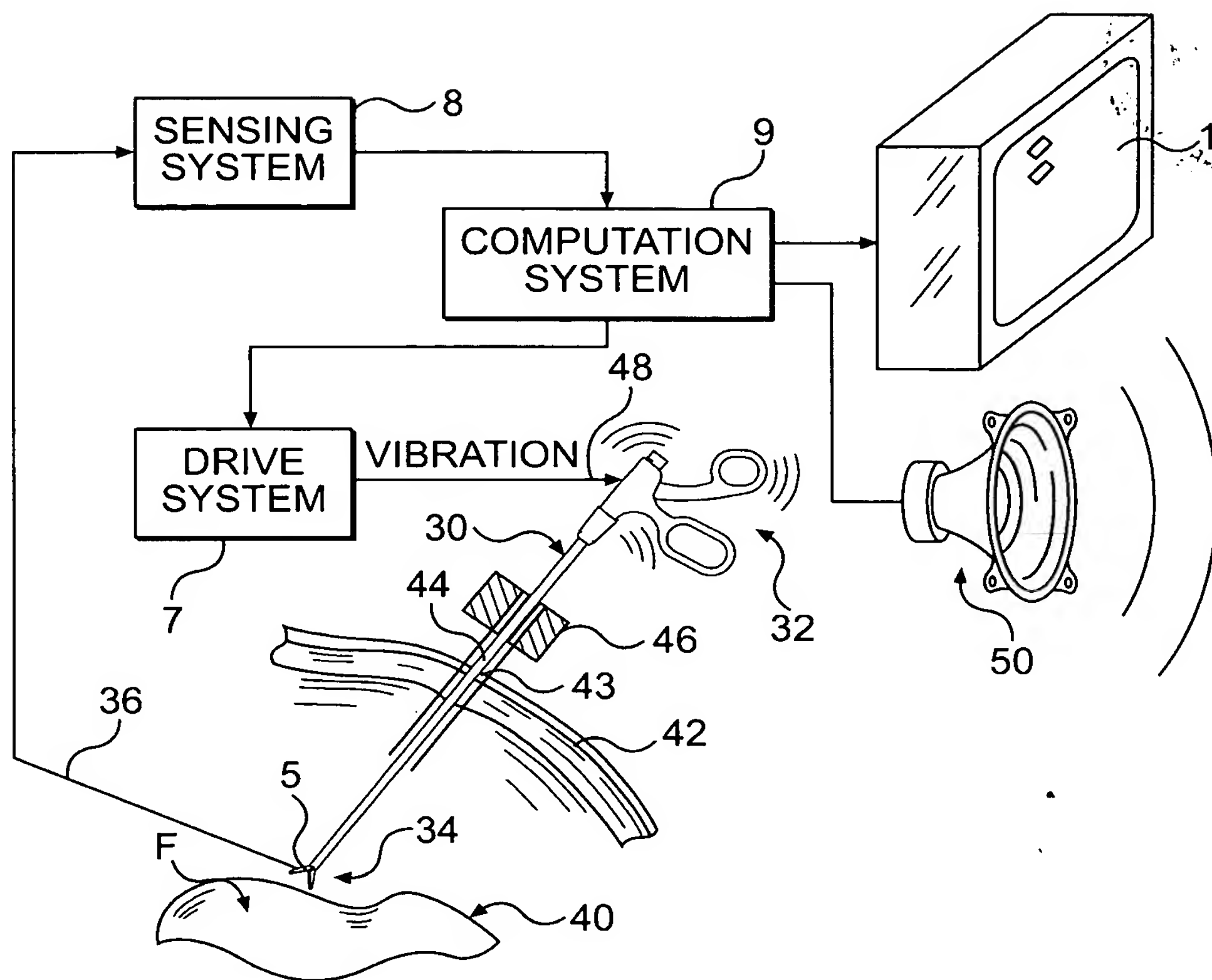


FIG. 3

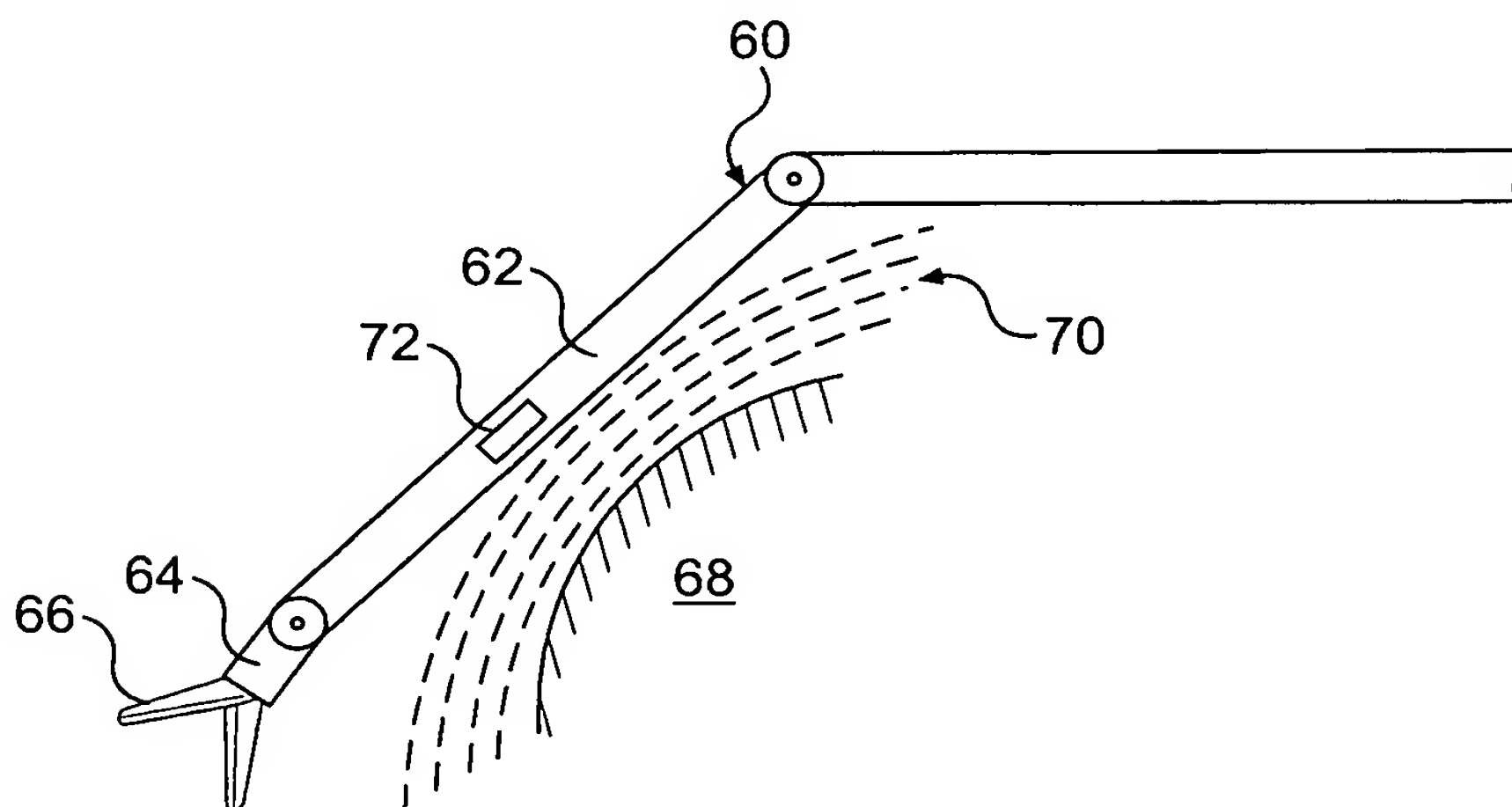


FIG. 4

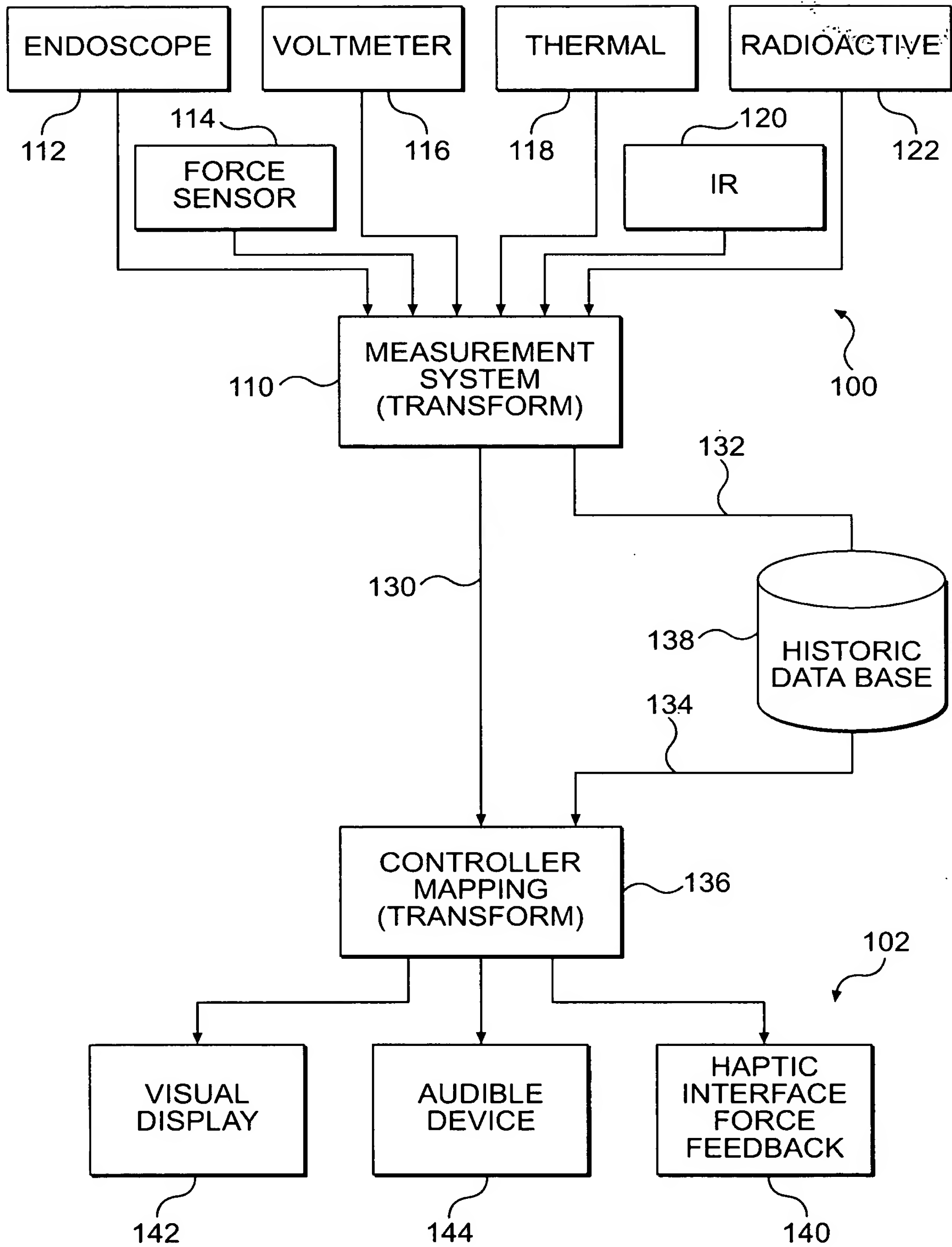


FIG. 5

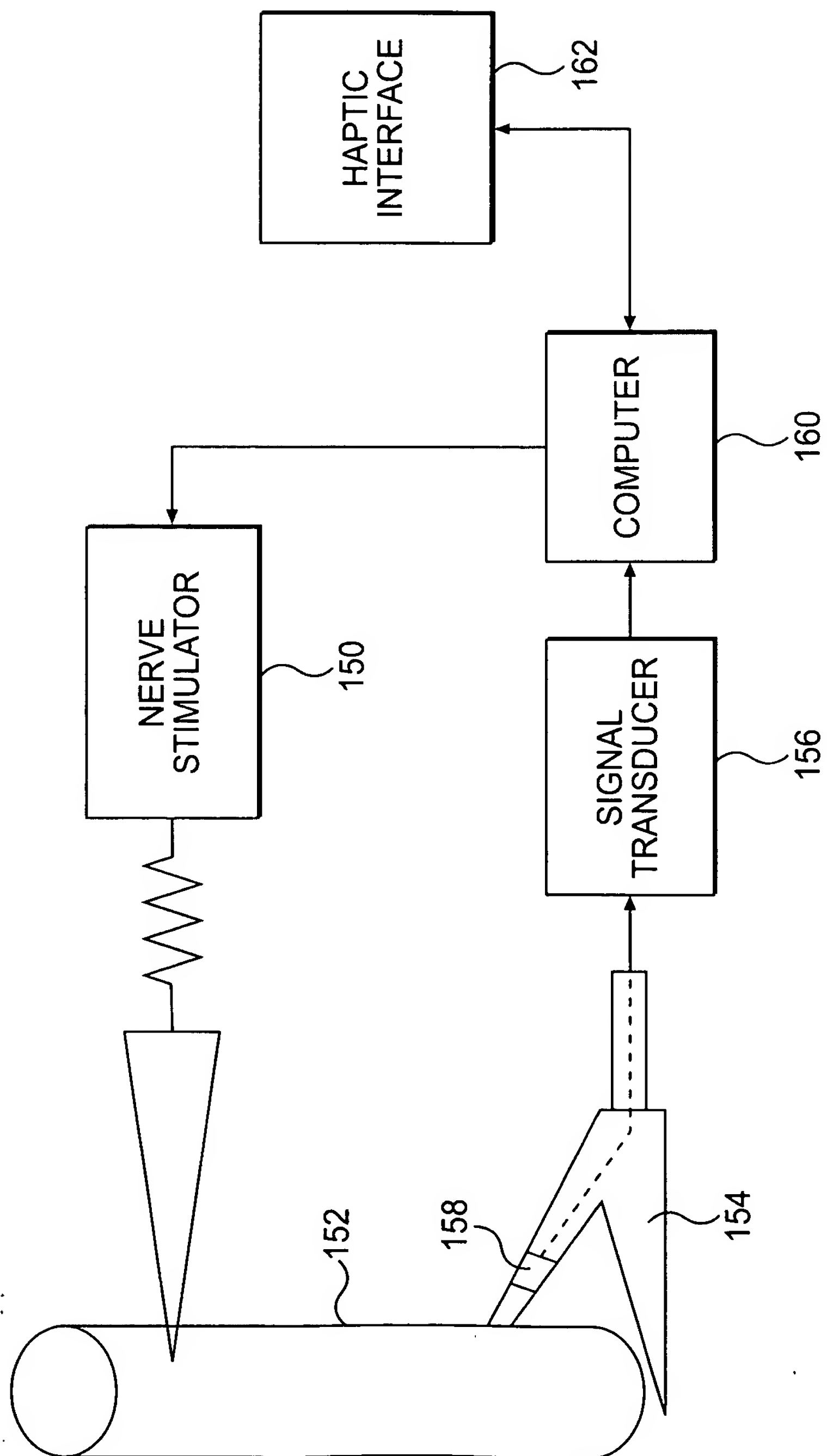


FIG. 6